

## Recovery Plan Action Status

**Plan Name:** Recovery Plan for *Chamaesyce skottsbergii* var *kalaeloana* and *Achyranthes splendens* var *rotundata*

**Plan Status:** Draft

**Plan Date:** 05-Oct-93

**Lead Agency:** USFWS

**Lead Office:** Pacific Islands Fish And Wildlife Office

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792-9400 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	111	Protect BPNAS populations following base closure	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Naval Air Station at Barbers Point [base now closed]	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1121	Survey BPNAS populations	Ongoing Current			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Naval Air Station at Barbers Point [base now closed]	Research: Population Surveys	Internal Field Assistance, Species Expert	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1122	Control encroaching plants at BPNAS	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Naval Air Station at Barbers Point [base now closed]	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1123	Monitor/control insect infestations at BPNAS	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Naval Air Station at Barbers Point [base now closed]	Work type not yet selected	Labor type not yet selected	

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Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1124	Reduce risk of fire at NASBP	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Naval Air Station at Barbers Point [base now closed]	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1125	Consider fencing of NASBP populations	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Naval Air Station at Barbers Point [base now closed], U.S. Fish and Wildlife Service National Wildlife Refuge System	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1126	Monitor populations at NASBP	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Naval Air Station at Barbers Point [base now closed]	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	131	Protect Campbell Estate populations.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Campbell Estate	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1321	Survey populations in Campbell Industrial Park	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Campbell Estate	Work type not yet selected	Labor type not yet selected	

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Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana)	1	1322	Consider fencing Chamaesyce population 4.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Campbell Estate	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1324	Control encroaching plants at Campbell Industrial Park	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Campbell Estate	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1325	Monitor/control insect infestations at Campbell Industrial Park	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Campbell Estate	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1326	Control pollutants at Campbell Industrial Park	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Campbell Estate	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1327	Reduce fire risk at Campbell Industrial Park.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Campbell Estate	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	1	1328	Monitor Campbell Industrial Park populations.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Campbell Estate	Work type not yet selected	Labor type not yet selected	

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Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1411	Protect Chamaesyce population 5.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Add DHHL as responsible party
Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1412	Manage Chamaesyce population 5	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Add DHHL as responsible party
Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1413	Monitor Chamaesyce population 5.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Add DHHL as responsible party
Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1421	Continue to control threats at Mo`omomi	Not Started			The Nature Conservancy of Hawaii	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1422	Formulate a strategy for Chamaesyce on Mo`omomi	Not Started			The Nature Conservancy of Hawaii	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1423	Monitor Chamaesyce on Mo`omomi	Not Started			The Nature Conservancy of Hawaii	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1431	Identify private landowner of population 8	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1432	Protect Chamaesyce population 8	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kалаeloana)	1	1433	Manage Chamaesyce population 8	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Add private landowner to responsible parties

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Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana)	2	211	Propagate Chamaesyce, if necessary.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	2	22	Augment existing populations, if necessary.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources, Naval Air Station at Barbers Point [base now closed]	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana)	3	311	Determine number of Chamaesyce populations needed for long term survival.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana)	3	312	Determine number of Chamaesyce individuals needed for long term survival.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	
Ewa Plains `akoko (Chamaesyce skottsbergii var. kalaeloana), Round-leaved chaff-flower (Achyranthes splendens var. rotundata)	3	33	Revise recovery objectives if necessary.	Not Started			U.S. Fish and Wildlife Service, Ecological Services Division	Work type not yet selected	Labor type not yet selected	